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PTC/SB/21 (09-04)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE ction of information unless it displays a valid OMB control number. are required to respond to Application Number Inder the Paperwork Reduction Act of 1995, no persons 10/017,676 Filing Date TRANSMITTAL Dec. 14, 2001 First Named Inventor **FORM** Abdollahi-Alibeik, Shahram Art Unit 2186 Examiner Name Bataille, P. (to be used for all correspondance after initial filing) Attorney Docket Number Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication to TC **|** Fee Transmittat Form Drawing(s) Appeal Communication to Board ~ Fee Attached Licensing-related Papers of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) **~** Petition Amendment/Reply Petition to Convert to a Proprietary Information After Final Provisional Application Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please identify Terminal Disclaimer Extension of Time Request below): Request for Refund **Express Abandonment Request** CD. Number of CD(s) Information Disclosure Statement Landscape Table on CD Certified Copy of Priority Remarks Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name Signature Shahram Abdollah. Printed name Shahram Abdollahl-Alibeik Date Rea. No. 10/28/2004 CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. Signature Date 10/28/2004 Shahram Abdollahi-Alibeik Typed or printed name

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			Complete If Known						
FEE TRANSMITTAL		Application Number			10/017	10/017,676			
for FY 2005		Filing Date			12/14/2	12/14/2001			
Effective 10/01/2004. Petent fees are subject to annual revision.			First Named Inventor			Shahram Abdollahi-Alibeik			
			Examiner Name			Bataille, Pierre-Michel			
Applicant claims small entity status. See 37 CFR 1.27		Art Unit			2186	2186			
TOTAL AMOUNT OF PAYMENT (\$) 265.00		Attor	Attorney Docket No.						
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)							
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SUBMITTED BY (Complete (d applicable))									
Name (Print/Type) Shahram Abdollahi-Alibeik	Registration No. Telephone 650-575-669					650-575-6690			
Signature Usha wam Abdollah	<del></del>	HIV-110 W	-19111		1	Date	10/27/2004		

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## In the United Stated Patent and Trademark Office

Appn. Number: 10/017,676

Appn. Filed: 12/14/2001

Applicant(s): Shahram Abdollahi-Alibeik, Mayur Joshi

Appn. Title: High-Speed Low-Power CAM-based Search Engine

Examiner/GAU: Bataille, Pierre-Michel / 2186

10/29/2004 HLE333 00000030 10017676

October 27, 2004

01 FC:2201 02 FC:2202 220.00 OP 45.00 OP At: Stanford, CA

#### **Amendment A**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir.

In response to the Office Letter mailed April 28, 2004, please amend the above application as follows:

SPECIFICATION: A statement explaining the specification amendments begins on page 2 of this amendment.

CLAIMS: Amendments to the claims begin on page 3 of this amendment.

DRAWINGS: A statement explaining the drawing amendments begins on page 15 of this amendment.

REMARKS begin on page 16 of this amendment.

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